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(071800.0130)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| Applicant | : | Bernegger-Egli et al. | |
| Serial No. | : | 09/743,391 | Examiner: To Be Assigned |
| Filed | : | April 17, 2001 | Group Art Unit: 1614 |
| For | : | METHOD FOR PRODUCING (1r, 4s)-2-azabicyclo[2.2.1]-hept-5-en-3-on DERIVATIVES | |

INFORMATION DISCLOSURE STATEMENT

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231

September 9, 2002
Date of Deposit

Carmella L. Stephens — 41,328
Agents Name — PTO Registration No.

Carmella L. Stephens — September 9, 2002
Signature — Date of Signature

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. ' 1.56, Applicants respectfully request that the references relating to the above-mentioned application listed herein in reverse chronological order be made of record in the U.S. Patent and Trademark Office.

1. U.S. Patent 5,688,933.

2. WO 99/10519.

3. WO 98/10075.

4. Campbell et al., "Chirospecific Syntheses of Precursors of Cyclopentane and Cyclopentene Carbocyclic Nucleosides by [3+3]-Coupling and Transannular Alkylation", J. Org. Chem. 1995, 60:4602-4616.

5. Katagiri et al., "A Highly Efficient Synthesis of the Antiviral Agent (+)-Cyclaradine Involving the Regioselective Cleavage of Epoxide by Neighboring Participation", Tetrahedron Letters 1997 38:1961.

6. Taylor et al, "Development of the Biocatalytic Resolution of 2-azabicyclo[2.2.1]hept-5-en-3-one as an entry to Single-Enantiomer Carbocyclic Nucleosides", 1993 Tet. Asymmetry 4:1117.

7. Csuk et al., "Biocatalytical Transformations. IV. Enantioselective Enzymatic Hydrolyses of Building Blocks for the Synthesis of Carbocyclic Nucleosides", Tetrahedon: Asymmetry, 1994 5:269-76.

8. Evans et al., "Potential Use of Carbocyclic Nucleosides for the Treatment of AIDS: Chemo-enzymatic Syntheses of the Enantiomers of Carbovir", J. Chem. Soc. Perkin Trans. 1 1992, 5:589-592.

9. Brabban, J., "Stereospecific (-lactamase activity in a *Pseudomonas fluorescens* species", Industrial Microboil. 1996 16:8-14.

The referenced citations are listed in the accompanying PTO Form 1449 and copies of the references are provided.

Identification of the above-listed references is not to be construed as an admission of the Applicants or the attorneys of the Applicants that such references are available as "prior art" against the subject application.

Applicants respectfully request that the Examiner review the foregoing references and that the references be made of record in the file history of the above-mentioned application.

Please charge our Deposit Account No. 02-4377 for the fee for submitting this Information Disclosure Statement, as well as any additional fee required. Two copies of this sheet are enclosed.

Respectfully submitted,

Carmella L. Stephens

Henry Tang
Patent Office Reg. No. 29,705
Attorney for Applicants

Carmella L. Stephens
PTO Reg. No. 41,328
Agent for Applicants

(212) 408-2539

Enclosures (PTO Form 1449; References)

| Form PTO-1449 U.S. Department f Commerce (REV. 2-82) Patent and Trademark Office | Atty. Docket No. A33847-PCT-USA (071800.0130) | Serial No. 09/743,391 |
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| **INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)** | Applicant Bernegger-Egli et al. | |
| | Filing Date April 17, 2001 | Group 1614 |

## U.S. PATENT DOCUMENTS

| *Exam. Init. | | Document No. | Date | Name | Class | Subclass | Filing Date if Appropriate |
|---|---|---|---|---|---|---|---|
| | | 5688933 | 11/18/97 | Evans et al. | 536 | 22.1 | |
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## FOREIGN PATENT DOCUMENT

| | | Document No. | Date | Country | Class | SubClass | Translation Yes | Translation No |
|---|---|---|---|---|---|---|---|---|
| | | 9910579 | | WIPO | | | | |
| | | 9810075 | | WIPO | | | | |
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## OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

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| | | | Campbell et al., "Chirospecific Syntheses of Precursors of Cyclopentane and Cyclopentene Carbocyclic Nucleosides by [3+3]-Coupling and Transannular Alkylation", J. Org. Chem. 1995, 60:4602-4616. |
| | | | Katagiri et al., "A Highly Efficient Synthesis of the Antiviral Agent (+)-Cyclaradine Involving the Regioselective Cleavage of Epoxide by Neighboring Participation", Tetrahedron Letters 1997 38:1961. |
| | | | Taylor et al, "Development of the Biocatalytic Resolution of 2-azabicyclo[2.2.1]hept-5-en-3-one as an entr to Single-Enantiomer Carbocyclic Nucleosides", 1993 Tet. Asymmetry 4:1117. |
| | | | Csuk et al., "Biocatalytical Transformations. IV. Enantioselective Enzymatic Hydrolyses of Building Blocks for the Synthesis of Carbocyclic Nucleosides", Tetrahedon: Asymmetry, 1994 5:269-76. |
| | | | Evans et al., "Potential Use of Carbocyclic Nucleosides for the Treatment of AIDS: Chemo-enzymatic Syntheses of the Enantiomers of Carbovir", J. Chem. Soc. Perkin Trans. 1 1992, 5:589-592. |
| | | | Brabban, J., "Stereospecific (-lactamase activity in a *Pseudomonas fluorescens* species", Industrial Microboil. 1996 16:8-14. |

NY02:353917.1 Examiner Date Considered

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.